

Listing of the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-3 (Cancelled)

4. (Currently amended) An isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO:1, wherein said isolated nucleic acid molecule is ~~differentially expressed~~ associated with in a non-malignant prostate prostatic state.

5. (Previously presented) The isolated nucleic acid molecule of claim 4, wherein said isolated nucleic acid molecule comprises a predicted open reading frame encoding the amino acid sequence of SEQ ID NO:3.

6. (Currently amended) An isolated nucleic acid molecule consisting of ~~40~~ 11 to 50 nucleotides which specifically hybridizes to a ~~differentially expressed~~ PCA3 mRNA associated with a non-malignant prostatic state, wherein said isolated nucleic acid molecule is or is complementary to a nucleotide sequence consisting of at least ~~40~~ 11 consecutive nucleotides from nucleotides 27 to 254 of SEQ ID NO:1.

Claims 7-8 (Cancelled)

9. (Currently amended) A kit for detecting the presence of ~~differentially expressed~~ PCA3 mRNAs associated with a non-malignant prostatic state in a sample comprising at least one container means having disposed therein the isolated nucleic acid molecule of claim 6.

10. (Previously presented) A recombinant nucleic acid molecule comprising, 5' to 3', a promoter effective to initiate transcription in a host cell and the isolated nucleic acid molecule of claim 4.

11. (Previously presented) An isolated cell that contains the recombinant nucleic acid molecule of claim 10.

Claims 12-23 (Cancelled)

24. (Currently amended) An isolated nucleic acid molecule comprising the nucleic acid sequence from nucleotides 27 to 254 of SEQ ID NO:1, wherein said isolated nucleic acid molecule is ~~differentially expressed in~~ associated with a non-malignant ~~prestate~~ prostatic state.

Claim 25 (Cancelled)

26. (Previously presented) The isolated nucleic acid molecule of claim 6, wherein said isolated nucleic acid molecule consists of the sequence of SEQ ID NO:4.

Claim 27-34 (Cancelled)

35. (Previously presented) A recombinant nucleic acid molecule comprising, 5' to 3', a promoter effective to initiate transcription in a host cell and the isolated nucleic acid molecule of claim 24.

36. (Previously presented) An isolated cell that contains the recombinant nucleic acid molecule of claim 35.

37. (New) The isolated nucleic acid molecule of claim 6, wherein said nucleic acid molecule consists of 15 to 50 nucleotides.

38. (New) The isolated nucleic acid molecule of claim 6, wherein said nucleic acid molecule consists of 18 to 50 nucleotides.

39. (New) The isolated nucleic acid molecule of claim 6, wherein said nucleic acid molecule consists of 20 to 50 nucleotides.

40. (New) A kit for detecting the presence of differentially expressed PCA3 mRNAs in a sample comprising at least one container means having disposed therein the isolated nucleic acid molecule of claim 37.

41. (New) A kit for detecting the presence of differentially expressed PCA3 mRNAs in a sample comprising at least one container means having disposed therein the isolated nucleic acid molecule of claim 38.

42. (New) A kit for detecting the presence of differentially expressed PCA3 mRNAs in a sample comprising at least one container means having disposed therein the isolated nucleic acid molecule of claim 39.